Statement of Basis of the Federal Operating Permit

Veolia ES Technical Solutions, LLC

Site/Area Name: Port Arthur Facility
Physical location: 3.5 miles west of Taylor Bayou, State Highway 73
Nearest City: Port Arthur
County: Jefferson

Permit Number: O1509
Project Type: Renewal

Standard Industrial Classification (SIC) Code: 4953
SIC Name: Refuse Systems

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document may include the following information:

A description of the facility/area process description;
A basis for applying permit shields;
A list of the federal regulatory applicability determinations;
A table listing the determination of applicable requirements;
A list of the New Source Review Requirements;
The rationale for periodic monitoring methods selected;
The rationale for compliance assurance methods selected;
A compliance status; and
A list of available unit attribute forms.

Prepared on: November 9, 2012

Operating Permit
Basis of Determination

Permit Area Process Description

The Port Arthur facility receives and manages virtually all types of hazardous and non-hazardous wastes, including most hazardous wastes identified and listed in 40 CFR Part 261. These wastes include household hazardous waste, waste generated by commercial establishments (e.g., dry cleaners, mechanic shops, printing offices), and waste generated by industrial facilities (e.g., petroleum refining and petrochemical plants, pulp and paper mills, semiconductor plants, etc.). Wastes that the facility does not accept are: (1) radioactive wastes; (2) explosive material as defined by the Department of Transportation under 49 CFR Part 173; (3) dioxin-containing wastes, identified by EPA as F020, F021, F023, F026, and F027 wastes in 40 CFR 261.31; (4) municipal garbage.

FOPs at Site

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	NOX, HAPS

Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone
    - Permit Location
    - Permit Shield (30 TAC § 122.148)

- Attachments
  - Applicable Requirements Summary
    - Unit Summary
    - Applicable Requirements Summary
  - Additional Monitoring Requirements
  - Permit Shield
  - New Source Review Authorization References
  - Compliance Plan
  - Alternative Requirements
- Appendix A
  - Acronym list

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the "index number," detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often

required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3.A. for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce

visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	No
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CAIR (Clean Air Interstate Rule)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests

 that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the "Permit Shield" attachment of the permit.

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility
When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
BASIN2	30 TAC Chapter 117, Subchapter B	R71CI-1	Horsepower Rating = HP is less than 300	
BASIN2	40 CFR Part 60, Subpart IIII	60IIII	Stationary CI Engine = Unit is a stationary compression ignition engine	The main standard, related standards, monitoring/testing, recordkeeping, and reporting rule citations were determined from an analysis of the rule text and the basis of determination.
BASIN2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp less than 100 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Normal use. Stationary RICE Type = Compression ignition engine	
BASIN3	30 TAC Chapter 117, Subchapter B	R71CI-1	Horsepower Rating = HP is less than 300	
BASIN3	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp less than 100 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = Compression ignition engine	
DWBKUP	30 TAC Chapter 117, Subchapter B	R71CI-1	Horsepower Rating = HP is greater than or equal to 300 RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Stationary diesel engine	
DWBKUP	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use.	
INCBKUP	30 TAC Chapter 117, Subchapter B	R71CI-1	Horsepower Rating = HP is greater than or equal to 300 RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Stationary diesel engine	
INCBKUP	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use.	
WTPBKUP	30 TAC Chapter 117, Subchapter B	R71CI-1	Horsepower Rating = HP is greater than or equal to 300 RACT Date Placed in Service = On or before November 15, 1992 Type of Service = Stationary diesel engine	

WTPBKUP	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-1	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use. Stationary RICE Type = Compression ignition engine	
DIESTANK1	30 TAC Chapter 115, Storage of VOCs	R5112-6	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank does not require emission controls 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is less than 1.0 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
DIESTANK1	40 CFR Part 60, Subpart Kb	60Kb-3	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Petroleum liquid (other than petroleum or condensate) 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is less than 10,600 gallons (40,000 liters)	
GASTANK1	30 TAC Chapter 115, Storage of VOCs	R5112-7	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = Gasoline from a storage container in motor vehicle fuel dispensing service (as defined in 30 TAC Chapter 115) 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is less than or equal to 1,000 gallons	
GASTANK1	40 CFR Part 60, Subpart Kb	60Kb-3	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Petroleum liquid (other than petroleum or condensate) 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is less than 10,600 gallons (40,000 liters)	
GASTANK2	30 TAC Chapter 115, Storage of VOCs	R5112-7	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = Gasoline from a storage container in motor vehicle fuel dispensing service (as defined in 30 TAC Chapter 115) 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is less than or equal to 1,000 gallons	
GASTANK2	40 CFR Part 60, Subpart Kb	60Kb-3	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Petroleum liquid (other than petroleum or condensate) 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is less than 10,600 gallons (40,000 liters)	
GRPTNK1	30 TAC Chapter 115, Storage of VOCs	R5112-1	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank does not require emission controls 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is less than 1.0 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 40,000 gallons	
GRPTNK1	40 CFR Part 60,	60Kb-1	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition	

	Subpart Kb		40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 39,900 gallons (151,000 liters) 40 CFR 60 (NSPS) SUBPART KB MAXIMUM TRUE VAPOR PRESSURE (TVP) = True vapor pressure is less than 0.5 psia	
GRPTNK1	40 CFR Part 63, Subpart DD	63DD-1	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank is not used to manage off-site material having a maximum organic vapor pressure that is greater than or equal to 76.6 kPa, is not used for a waste stabilization process and is required to use Tank Level 1 controls as specified by Table 3. LEVEL 2 CONTROLS = The tank is meeting the control requirements of 40 CFR § 63.685(c)(2)(i). TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. CLOSED-VENT SYSTEM = The openings of the fixed roof, and any manifold system associated with the fixed roof, are connected by a closed vent system that is vented to a control device. BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).	
GRPTNK1	40 CFR Part 63, Subpart OO	63OO-1	SUBJECT TO 40 CFR PART 60, 61, 63 = The tank is subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control. CLOSED VENT SYSTEM & CONTROL DEVICE = TANK HAS NO OPENINGS OR MANIFOLD SYSTEM CONNECTED TO A CLOSED VENT SYSTEM VENTED TO A CONTROL DEVICE	
GRPTNK2	30 TAC Chapter 115, Storage of VOCs	R5112-2	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Direct-flame incinerator	
GRPTNK2	30 TAC Chapter 115, Storage of VOCs	R5112-3	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery	

			system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Other vapor destruction unit	
GRPTNK2	40 CFR Part 60, Subpart Kb	60Kb-2	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is less than 10,600 gallons (40,000 liters)	
GRPTNK2	40 CFR Part 61, Subpart FF	61FF-1	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ENGINEERING CALCULATIONS = Results of performance tests are used to demonstrate that the control device achieves emission limitation. ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK2	40 CFR Part 61, Subpart FF	61FF-2	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the	

			requirements of 40 CFR § 61.343 for tanks.	
GRPTNK2	40 CFR Part 63, Subpart DD	63DD-2	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = A performance test is used to demonstrate control device performance.	
GRPTNK2	40 CFR Part 63, Subpart DD	63DD-3	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily	

			average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = Design analysis is used to demonstrate control device performance.	
GRPTNK3	30 TAC Chapter 115, Storage of VOCs	R5112-2	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Direct-flame incinerator	
GRPTNK3	30 TAC Chapter 115, Storage of VOCs	R5112-3	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Other vapor destruction unit	
GRPTNK3	40 CFR Part 60, Subpart Kb	60Kb-2	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is less than 10,600 gallons (40,000 liters)	

GRPTNK3	40 CFR Part 61, Subpart FF	61FF-1	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ENGINEERING CALCULATIONS = Results of performance tests are used to demonstrate that the control device achieves emission limitation. ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK3	40 CFR Part 61, Subpart FF	61FF-2	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK3	40 CFR Part 63, Subpart DD	63DD-2	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material.	

			HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = A performance test is used to demonstrate control device performance.	
GRPTNK3	40 CFR Part 63, Subpart DD	63DD-3	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b).	

			AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = Design analysis is used to demonstrate control device performance.	
GRPTNK4	30 TAC Chapter 115, Storage of VOCs	R5112-2	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Direct-flame incinerator	
GRPTNK4	30 TAC Chapter 115, Storage of VOCs	R5112-3	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Other vapor destruction unit	
GRPTNK4	40 CFR Part 60, Subpart Kb	60Kb-5	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	
GRPTNK4	40 CFR Part 61, Subpart FF	61FF-1	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator with a reduction of organics being greater	

			than or equal to 95 weight percent COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ENGINEERING CALCULATIONS = Results of performance tests are used to demonstrate that the control device achieves emission limitation. ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK4	40 CFR Part 61, Subpart FF	61FF-2	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK4	40 CFR Part 63, Subpart DD	63DD-2	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis.	

			ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = A performance test is used to demonstrate control device performance.	
GRPTNK4	40 CFR Part 63, Subpart DD	63DD-3	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = Design analysis is used to demonstrate control device performance.	

GRPTNK5	30 TAC Chapter 115, Storage of VOCs	R5112-4	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 40,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Direct-flame incinerator	
GRPTNK5	30 TAC Chapter 115, Storage of VOCs	R5112-5	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 40,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Other vapor destruction unit	
GRPTNK5	40 CFR Part 60, Subpart Kb	60Kb-8	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 39,900 gallons (151,000 liters) 40 CFR 60 (NSPS) SUBPART KB MAXIMUM TRUE VAPOR PRESSURE (TVP) = True vapor pressure is greater than or equal to 11.1 psia 40 CFR 60 (NSPS) SUBPART KB STORAGE VESSEL DESCRIPTION = CVS and control device other than a flare (fixed roof)	
GRPTNK5	40 CFR Part 60, Subpart Kb	60Kb-9	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 39,900 gallons (151,000 liters) 40 CFR 60 (NSPS) SUBPART KB MAXIMUM TRUE VAPOR PRESSURE (TVP) = True vapor pressure is greater than or equal to 11.1 psia 40 CFR 60 (NSPS) SUBPART KB STORAGE VESSEL DESCRIPTION = CVS and control device other than a flare (fixed roof)	
GRPTNK5	40 CFR Part 61, Subpart FF	61FF-1	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.	

			CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ENGINEERING CALCULATIONS = Results of performance tests are used to demonstrate that the control device achieves emission limitation. ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK5	40 CFR Part 61, Subpart FF	61FF-2	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK5	40 CFR Part 63, Subpart DD	63DD-2	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa.	

			95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = A performance test is used to demonstrate control device performance.	
GRPTNK5	40 CFR Part 63, Subpart DD	63DD-3	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices.	

			DESIGN ANALYSIS = Design analysis is used to demonstrate control device performance.	
GRPTNK6	30 TAC Chapter 115, Storage of VOCs	R5112-2	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Direct-flame incinerator	
GRPTNK6	30 TAC Chapter 115, Storage of VOCs	R5112-3	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank using a submerged fill pipe and vapor recovery system 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is greater than or equal to 1.5 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons 30 TAC CHAPTER 115 (REG V) CONTROL DEVICE TYPE = Other vapor destruction unit	
GRPTNK6	40 CFR Part 60, Subpart Kb	60Kb-6	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) 40 CFR 60 (NSPS) SUBPART KB MAXIMUM TRUE VAPOR PRESSURE (TVP) = True vapor pressure is greater than or equal to 11.1 psia 40 CFR 60 (NSPS) SUBPART KB STORAGE VESSEL DESCRIPTION = CVS and control device other than a flare (fixed roof)	
GRPTNK6	40 CFR Part 60, Subpart Kb	60Kb-7	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters) 40 CFR 60 (NSPS) SUBPART KB MAXIMUM TRUE VAPOR PRESSURE (TVP) = True vapor pressure is greater than or equal to 11.1 psia 40 CFR 60 (NSPS) SUBPART KB STORAGE VESSEL DESCRIPTION = CVS and control device other than a flare (fixed roof)	
GRPTNK6	40 CFR Part 61, Subpart FF	61FF-1	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR	

			§ 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ENGINEERING CALCULATIONS = Results of performance tests are used to demonstrate that the control device achieves emission limitation. ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK6	40 CFR Part 61, Subpart FF	61FF-2	BY-PASS LINE = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. TANK CONTROL REQUIREMENTS = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. WASTE TREATMENT TANK = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. ALTERNATIVE STANDARDS FOR TANKS = The tank is not complying with the alternative standards in 40 CFR § 61.351. FUEL GAS SYSTEM = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. CONTROL DEVICE TYPE/OPERATIONS = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C COVER & CLOSED VENT = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Not using an alternate means of compliance ALTERNATE MONITORING PARAMETERS = Alternate monitoring parameters not requested ALTERNATIVE MEANS OF COMPLIANCE = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPTNK6	40 CFR Part 63, Subpart DD	63DD-2	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions.	

			TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = A performance test is used to demonstrate control device performance.	
GRPTNK6	40 CFR Part 63, Subpart DD	63DD-3	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. HAP DESTRUCTION = The vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants listed in Table 1 contained in the vent stream entering the control device. NO DETECTABLE ORGANIC EMISSIONS = The closed vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. CONTROL DEVICE = Thermal vapor incinerator EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). ORGANIC MONITORING DEVICE = A continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is not used. NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank manages off-site material having maximum HAP vapor pressure that is greater than or equal to 76.6 kPa. 95% HAP DESTRUCTION = HAP is destroyed by at least 95% on a total HAP weight-basis. ALTERNATIVE OPERATING PARAMETERS = Alternative monitoring parameters are not used. TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. TANK TYPE = A tank vented through a closed vent system to a control device BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B). INSPECTED AND MONITORED = The closed vent system is inspected and monitored as specified in 40 CFR §	

			63.693(b)(4)(i). BYPASS DEVICE = The closed vent system routing to the control device does not include by-pass devices. DESIGN ANALYSIS = Design analysis is used to demonstrate control device performance.	
T201	30 TAC Chapter 115, Storage of VOCs	R5112-1	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank does not require emission controls 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is less than 1.0 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 40,000 gallons	
T201	40 CFR Part 60, Subpart Kb	60Kb-1	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 39,900 gallons (151,000 liters) 40 CFR 60 (NSPS) SUBPART KB MAXIMUM TRUE VAPOR PRESSURE (TVP) = True vapor pressure is less than 0.5 psia	
T201	40 CFR Part 63, Subpart DD	63DD-1	BULK FEED = The tank is not used for bulk feed of off-site material to a waste incinerator. SUBJ TO ANOTHER PART 61 OR 63 = The tank is not subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63. EXISTING SOURCE = The tank is part of an existing source managing off-site material. HAP<1 MG /YEAR = The owner or operator is choosing to exempt the tank from the requirements specified in 40 CFR § 63.683(b)(1). NUMERICAL CONCENTRATION LIMITS = The off-site material placed in the tank is not a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. TANK EMISSIONS CONTROL = Tank is not used to manage off-site material having a maximum organic vapor pressure that is greater than or equal to 76.6 kPa, is not used for a waste stabilization process and is required to use Tank Level 1 controls as specified by Table 3. LEVEL 2 CONTROLS = The tank is meeting the control requirements of 40 CFR § 63.685(c)(2)(i). TREATED ORGAINC HAZARDOUS CONSTITUENTS = Organic hazardous constituents in the hazardous waste have not been treated according to 40 CFR § 268.42(a), nor removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). AIR EMISSION CONTROLS = The owner or operator is opting to install and operate air emission controls on the tank in accordance with the standards specified in 40 CFR § 63.685. CLOSED-VENT SYSTEM = The openings of the fixed roof, and any manifold system associated with the fixed roof, are connected by a closed vent system that is vented to a control device. BIOLOGICAL TREATMENT = The tank is not used for a biological treatment process that meets the requirements in either 40 CFR § 63.683(b)(2)(iii)(A) or (B).	
T201	40 CFR Part 63, Subpart OO	63OO-1	SUBJECT TO 40 CFR PART 60, 61, 63 = The tank is subject to another subpart within 40 CFR Part 60, 61, or 63 and references the use of this subpart for air emission control. CLOSED VENT SYSTEM & CONTROL DEVICE = TANK HAS NO OPENINGS OR MANIFOLD SYSTEM CONNECTED TO A CLOSED VENT SYSTEM VENTED TO A CONTROL DEVICE	
T400	40 CFR Part 60, Subpart Kb	60Kb-2	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Waste mixture of indeterminate or variable composition 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is less than 10,600 gallons (40,000 liters)	

T517	30 TAC Chapter 115, Storage of VOCs	R5112-6	ALTERNATE CONTROL REQUIREMENT [REG V] = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. REG V - STORAGE VESSELS CONSTRUCTION DATE = On or after May 12, 1973 30 TAC CHAPTER (REG V) 115 TANK DESCRIPTION = Tank does not require emission controls 30 TAC CHAPTER 115 (REG V) PRODUCT STORED = VOC other than crude oil or condensate TRUE VAPOR PRESSURE (TVP) AT STORAGE CONDITIONS [REG V] = True vapor pressure is less than 1.0 psia 30 TAC CHAPTER 115 (REG V) STORAGE CAPACITY = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T517	40 CFR Part 60, Subpart Kb	60Kb-4	40 CFR 60 (NSPS) SUBPART KB PRODUCT STORED = Petroleum liquid (other than petroleum or condensate) 40 CFR 60 (NSPS) SUBPART KB STORAGE CAPACITY = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	
DIESTANK1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211	30 TAC CHAPTER 115 (REG V) FACILITY TYPE = Motor vehicle fuel dispensing facility	
FUELDISP1	30 TAC Chapter 115, Loading and Unloading of VOC	R115C-1	30 TAC CHAPTER 115 (REG V) FACILITY TYPE = Motor vehicle fuel dispensing facility	
GASTANK1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211	30 TAC CHAPTER 115 (REG V) FACILITY TYPE = Motor vehicle fuel dispensing facility	
GASTANK2	30 TAC Chapter 115, Loading and Unloading of VOC	R5211	30 TAC CHAPTER 115 (REG V) FACILITY TYPE = Motor vehicle fuel dispensing facility	
UNLOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R115C-2	30 TAC CHAPTER 115 (REG V) FACILITY TYPE = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. ALTERNATE CONTROL REQUIREMENT (ACR) [REG V] = No alternate control requirements are being utilized. PRODUCT TRANSFERRED = Volatile organic compounds other than liquefied petroleum gas and gasoline. TRANSFER TYPE = Only unloading. TRUE VAPOR PRESSURE [REG V] = True vapor pressure greater than or equal to 0.5 psia. DAILY THROUGHPUT [REG V] = Loading less than 20,000 gallons per day.	
BOILERA	30 TAC Chapter 117, Subchapter B	R71CI-1	UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr.	
BOILERA	40 CFR Part 60, Subpart D	60D	CONSTRUCTION/MODIFICATION DATE = After September 18, 1978. COVERED UNDER SUBPART DA = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. 40 CFR 60 (NSPS) D CHANGES TO EXISTING AFFECTED FACILITY [NSPS D] = No change has been made to the existing fossil fuel-fired steam generating unit. 40 CFR 60 (NSPS) SUBPART D HEAT INPUT RATE = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	
BOILERA	40 CFR Part 60, Subpart Db	60Db	CONSTRUCTION/MODIFICATION DATE = On or after November 25, 1986, and on or before July 9, 1997. 40 CFR 60 (NSPS) SUBPART DB HEAT INPUT CAPACITY = Heat input capacity is less than or equal to 100	

			MMBtu/hr (29 MW).	
BOILERA	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.	
BOILERA	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
BOILERB	30 TAC Chapter 117, Subchapter B	R71CI-1	UNIT TYPE = Other industrial, commercial, or institutional boiler. MAXIMUM RATED CAPACITY = MRC is less than 40 MMBtu/hr.	
BOILERB	40 CFR Part 60, Subpart D	60D	40 CFR 60 (NSPS) SUBPART D FUEL TYPE #1 = Gaseous fossil fuel. CONSTRUCTION/MODIFICATION DATE = After September 18, 1978. COVERED UNDER SUBPART DA = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. 40 CFR 60 (NSPS) D CHANGES TO EXISTING AFFECTED FACILITY [NSPS D] = No change has been made to the existing fossil fuel-fired steam generating unit. 40 CFR 60 (NSPS) SUBPART D HEAT INPUT RATE = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	
BOILERB	40 CFR Part 60, Subpart Db	60Db	CONSTRUCTION/MODIFICATION DATE = On or after November 25, 1986, and on or before July 9, 1997. 40 CFR 60 (NSPS) SUBPART DB HEAT INPUT CAPACITY = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	
BOILERB	40 CFR Part 60, Subpart Dc	60Dc	CONSTRUCTION/MODIFICATION DATE = On or before June 9, 1989.	
BOILERB	40 CFR Part 63, Subpart DDDDD	63DDDDD	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
GRPFUG	40 CFR Part 61, Subpart V	61V-1	ALT MEANS OF EMISSION LIMITATION (AMEL)--OTHER CLOSED VENT SYSTEMS [NESHAP V] = NO CLOSED-VENT SYSTEM (CVS) WITH ENCLOSED COMBUSTION DEVICE [NESHAP V] = NO CLOSED-VENT SYSTEM (CVS) WITH FLARE AS CONTROL DEVICE [NESHAP V] = NO CLOSED-VENT SYSTEM (CVS) WITH VAPOR RECOVERY SYSTEM [NESHAP V] = NO COMPONENT IN VACUUM SERVICE [NESHAP V] = NO COMPRESSORS IN VOLATILE HAZARDOUS AIR POLLUTANT (VHAP) SERVICE [NESHAP V] = NO PRESSURE RELIEF DEVICES (PRD) IN VHAP GAS/VAPOR SERVICE [NESHAP V] = NO PRODUCT ACCUMULATOR VESSELS VOLATILE HAZARDOUS AIR POLLUTANT SVC [NESHAP V] = NO SAMPLING CONNECTION SYSTEMS VOLATILE HAZARDOUS AIR POLLUTANT SVC [NESHAP V] = NO VALVES IN VOLATILE HAZARDOUS AIR POLLUTANT (VHAP) SERVICE [NESHAP V] = NO ALT MEAN EMISSION LIMIT (AMEL)-CVS W/ ENCLOSED COMBUSTION DEVICE [NESHAP V] = NO ALT MEANS EMISSION LIMIT (AMEL)-CLOSED VENT SYSTEM W/ VAPOR RECOVERY [NESHAP V] = NO ALT MEANS EMISSION LIMIT (AMEL)-PRODUCT ACCUMULATOR VESSEL VHAP SVC [NESHAP V] = NO ALT MEANS EMISSION LIMITATION (AMEL)-SAMPLING CONNECTION SYS VHAP SVC [NESHAP V] = NO ALT MEANS OF EMISSION LIMITATION (AMEL)-CLOSED VENT SYSTEM W/ FLARE [NESHAP V] = NO ALTERNATE MEANS EMISSION LIMITATION (AMEL)--PRD GAS/VAPOR VHAP SVC [NESHAP V] = NO ALTERNATE MEANS OF EMISSION LIMITATION (AMEL)--COMPRESSORS VHAP SVC [NESHAP V] = NO ALTERNATE MEANS OF EMISSION LIMITATION (AMEL)--VALVES VHAP SERVICE [NESHAP V] = NO	

			COMPONENT IN VOLATILE HAZARDOUS AIR POLLUTANT (VHAP) SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-11(F)(1)--OTHER CLOSED VENT SYSTEM [NESHAP V] = NO PUMPS IN VOLATILE HAZARDOUS AIR POLLUTANT (VHAP) SERVICE [NESHAP V] = NO ALTERNATE MEANS OF EMISSION LIMITATION (AMEL)--PUMPS VHAP SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-11(C)--CVS W/ ENCLOSED COMBUSTION DEVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-11(D)--CLOSED VENT SYSTEM W/ FLARE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-3--COMPRESSORS VHAP SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-4--PRD GAS/VAPOR VHAP SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-5--SAMPLING CONNECTION SYSTEMS VHAP SVC [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-7--VALVES VHAP SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-9 -- PRODUCT ACCUMULATOR VESSELS VHAP SVC [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-11(B)--CVS W/ VAPOR RECOVERY SYSTEM [NESHAP V] = NO FLANGES & OTHER CONNECTORS VOLATILE HAZARDOUS AIR POLLUTANT SVC [NESHAP V] = NO OPEN-ENDED VALVES OR LINES VOLATILE HAZARDOUS AIR POLLUTANT SERVICE [NESHAP V] = NO PRESSURE RELIEF DEVICES (PRD) IN VHAP LIQUID SERVICE [NESHAP V] = NO ALT MEANS EMISSION LIMIT (AMEL)-FLANGES/OTHER CONNECTORS VHAP SVC [NESHAP V] = NO ALT MEANS EMISSION LIMITATION (AMEL)-OPEN-ENDED VALVES/LINES VHAP SVC [NESHAP V] = NO ALTERNATE MEANS EMISSION LIMITATION (AMEL)--PRD LIQUID VHAP SVC [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-2--PUMPS VHAP SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-6 -- OPEN-ENDED VALVES/LINES VHAP SVC [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-8--FLANGES/OTHER CONNECTORS VHAP SERVICE [NESHAP V] = NO COMPLYING W/ 40 CFR 61.242-8--PRD LIQUID VHAP SERVICE [NESHAP V] = NO	
GRPFUG	40 CFR Part 63, Subpart H	63H-1	ANY (CLOSED VENT SYSTEMS) = COMPONENT PRESENT ANY (OPEN-ENDED VALVES OR LINES) = COMPONENT PRESENT BYPASS LINES = FUGITIVE UNIT WITH A CLOSED-VENT SYSTEM DOES NOT CONTAIN A BY-PASS LINE THAT COULD DIVERT A VENT STREAM AWAY FROM THE CONTROL DEVICE AND TO THE ATMOSPHERE ENCLOSED-VENTED PROCESS UNIT AMEL = UNIT DOES NOT CONTAIN A TOTALLY ENCLOSED VENTED PROCESS UNIT COMPLYING WITH AN ALTERNATE MEANS OF EMISSION LIMITATION IN § 63.179 EQUIPMENT TYPE = FUGITIVE UNIT CONTAINS EQUIPMENT LISTED IN 40 CFR § 63.160(A) WHICH IS OPERATED IN ORGANIC HAZARDOUS AIR POLLUTANT SERVICE GAS/VAPOR OR LIGHT LIQUID SERVICE (AGITATORS) = COMPONENT PRESENT LIGHT LIQUID SERVICE (PUMPS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (AGITATORS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (OPEN-ENDED VALVES OR LINES) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (PUMPS) = COMPONENT NOT PRESENT NON RESEARCH AND DEVELOPMENT/BATCH PROCESSES = FUGITIVE UNIT CONTAINS PROCESSES OTHER THAN RESEARCH AND DEVELOPMENT FACILITIES AND BENCH-SCALE BATCH PROCESSES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT UNSAFE TO INSPECT = FOR A FUGITIVE UNIT THAT CONTAINS ANY CLOSED-VENT SYSTEM, THERE ARE NO PARTS DESIGNATED AS UNSAFE TO INSPECT	

			ANY (INSTRUMENTATION SYSTEMS) = COMPONENT PRESENT BATCH PROCESS AMEL = UNIT DOES NOT CONTAIN A BATCH PROCESS UNIT COMPLYING WITH AN ALTERNATE MEANS OF EMISSION LIMITATION IN § 63.178 DIFFICULT TO INSPECT = FOR A FUGITIVE UNIT THAT CONTAINS ANY CLOSED-VENT SYSTEM, THERE ARE NO PARTS DESIGNATED AS DIFFICULT TO INSPECT GAS/VAPOR OR LIGHT LIQUID SERVICE (VALVES) = COMPONENT PRESENT QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR PUMPS VACUUM SERVICE = NOT ALL OF THE EQUIPMENT IN THE FUGITIVE UNIT IS IN VACUUM SERVICE ANY (COMPRESSORS) = COMPONENT NOT PRESENT EMPLOYEE NUMBER = THE CORPORATION EMPLOYS 100 OR MORE PERSONS ENCLOSED COMBUSTION DEVICES (CLOSED VENT SYSTEMS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (INSTRUMENTATION SYSTEMS = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (VALVES) = COMPONENT NOT PRESENT LESS THAN 300 OPERATING HOURS = THE FUGITIVE UNIT DOES NOT CONTAIN ANY EQUIPMENT IN ORGANIC HAZARDOUS AIR POLLUTANT (HAP) SERVICE THAT IS INTENDED TO OPERATE LESS THAN 300 HOURS PER CALENDAR YEAR ANY (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT GAS VAPOR SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT PRESENT QIP = UNIT DOES NOT OPT TO COMPLY WITH A QUALITY IMPROVEMENT PROGRAM FOR VALVES AMEL = FUGITIVE UNIT SOURCE OWNER/OPERATOR IS NOT ELECTING TO COMPLY WITH AN ALTERNATIVE MEANS OF EMISSION LIMITATION (AMEL) FLARES (CLOSED VENT SYSTEMS) = COMPONENT NOT PRESENT GAS/VAPOR OR LIGHT LIQUID SERVICE (CONNECTORS) = COMPONENT PRESENT GENERAL AMEL = UNIT IS NOT COMPLYING WITH AN ALTERNATE MEANS OF EMISSION LIMITATION UNDER § 63.177 HEAVY LIQUID SERVICE (SURGE CONTROL VESSELS OR BOTTOMS RECEIVERS) = COMPONENT NOT PRESENT LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (CONNECTORS) = COMPONENT NOT PRESENT HEAVY LIQUID SERVICE (PRESSURE RELIEF DEVICES) = COMPONENT NOT PRESENT ANY (SAMPLING CONNECTION SYSTEMS) = COMPONENT PRESENT HEAVY LIQUID SERVICE (SAMPLING CONNECTION SYSTEMS) = COMPONENT NOT PRESENT UNITS WITHOUT AMEL = FUGITIVE UNIT EQUIPMENT OR PROCESS UNITS ARE NOT COMPLYING WITH AN ALTERNATE MEANS OF EMISSION LIMITATION.	
GRPCOOLTWR	40 CFR Part 63, Subpart Q	63Q	USED CHROMIUM COMPOUNDS AFTER SEPT. 8 1994 (MACT Q) = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
RTO101	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.	

			Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
STOR3	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
STOR4A	30 TAC Chapter 115, Vent Gas Controls	R5121-2	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
STOR5	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
STOR6	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate	

			recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
STOR7	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
STOR8	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
TRKSMPSTK	30 TAC Chapter 115, Vent Gas Controls	R5121-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
PROTKSHOP	30 TAC Chapter 115, Surface Coating Operations	R5421-1	ALTERNATE COMPLIANCE METHOD [REG V] = ALTERNATE METHOD FOR DEMONSTRATING AND DOCUMENTING CONTINUOUS COMPLIANCE WITH APPLICABLE CONTROL REQUIREMENTS OR EXEMPTION CRITERIA HAS NOT BEEN APPROVED ALTERNATE REQUIREMENTS [REG V] = ALTERNATE REQUIREMENT TO 30 TAC 115.421(A)(9) OR 115.421(B)(8) HAS NOT BEEN APPROVED BY TCEQ EXECUTIVE DIRECTOR 30 TAC CHAPTER 115 (REG V) FACILITY OPERATIONS = COATING VEHICLES AT IN-HOUSE REFINISHING OPERATIONS OR BY PRIVATE INDIVIDUALS MISCELLANEOUS COATING TYPE [REG V] = EXTREME PERFORMANCE COATING, INCLUDING CHEMICAL MILLING MASKS	
PROWHOUSE	30 TAC Chapter 115, Surface Coating Operations	R5421-2	ALTERNATE COMPLIANCE METHOD [REG V] = ALTERNATE METHOD FOR DEMONSTRATING AND DOCUMENTING CONTINUOUS COMPLIANCE WITH APPLICABLE CONTROL REQUIREMENTS OR EXEMPTION CRITERIA HAS NOT BEEN APPROVED ALTERNATE REQUIREMENTS [REG V] = ALTERNATE REQUIREMENT TO 30 TAC 115.421(A)(9) OR	

			115.421(B)(8) HAS NOT BEEN APPROVED BY TCEQ EXECUTIVE DIRECTOR 30 TAC CHAPTER 115 (REG V) FACILITY OPERATIONS = OTHER METAL PARTS AND PRODUCTS COATING MISCELLANEOUS COATING TYPE [REG V] = EXTREME PERFORMANCE COATING, INCLUDING CHEMICAL MILLING MASKS VOC EMISSION RATE [REG V] = OTHER UNCONTROLLED EMISSION RATES VAPOR RECOVERY [REG V] = NO VAPOR RECOVERY SYSTEM IS USED TO CONTROL EMISSIONS	
PROWHOUSE	30 TAC Chapter 115, Surface Coating Operations	R5421-3	ALTERNATE COMPLIANCE METHOD [REG V] = ALTERNATE METHOD FOR DEMONSTRATING AND DOCUMENTING CONTINUOUS COMPLIANCE WITH APPLICABLE CONTROL REQUIREMENTS OR EXEMPTION CRITERIA HAS NOT BEEN APPROVED ALTERNATE REQUIREMENTS [REG V] = ALTERNATE REQUIREMENT TO 30 TAC 115.421(A)(9) OR 115.421(B)(8) HAS NOT BEEN APPROVED BY TCEQ EXECUTIVE DIRECTOR 30 TAC CHAPTER 115 (REG V) FACILITY OPERATIONS = OTHER METAL PARTS AND PRODUCTS COATING MISCELLANEOUS COATING TYPE [REG V] = ANY OTHER COATING TYPE VOC EMISSION RATE [REG V] = OTHER UNCONTROLLED EMISSION RATES VAPOR RECOVERY [REG V] = NO VAPOR RECOVERY SYSTEM IS USED TO CONTROL EMISSIONS	
INCINERATE	40 CFR Part 61, Subpart C	61C-1	AMBIENT LIMIT (NESHAP C) = Approval to meet the ambient limits has not been requested or has not been approved. BURNING (NESHAP C) = Beryllium and/or beryllium-containing waste, except propellants, are burned in the incinerator WAIVER = No waiver of emission testing was obtained under 40 CFR § 61.13	
INCINERATE	40 CFR Part 61, Subpart E	61E-1	EMISSION TESTING WAIVER (NESHAP E) = No waiver of emission testing was obtained under 40 CFR § 61.13 SLUDGE SAMPLING (NESHAP E) = Stack sampling is conducted to determine compliance with § 61.52(b). MERCURY EMISSIONS (NESHAP E) = Mercury emissions are less than 1,600 grams per 24-hour period	
INCINERATE	40 CFR Part 63, Subpart EEE	63EEE-1	CO/THC STANDARD = Complying with the CO standard in § 63.1219(a)(5)(i) or (b)(5)(i). EXISTING SOURCE = The incinerator is an existing source (construction or reconstruction commenced on or before April 20, 2004). BAGHOUSE = The furnace is not equipped with a baghouse. CONTROL SYS = The incinerator is not equipped with a waste heat boiler or a dry air pollution control system. INLET TEMP = The gas temperature at the inlet of the initial PM control device is greater than 400° F. DIOXIN-LISTED = The furnace does not burn the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. HG FEEDRATE = Extrapolation of feedrate levels is used for Hg. ALT METALS = Complying with the particulate matter standards. DRE PREVIOUS TEST = Previous testing was used to document conformance with the DRE standard. FEED ZONE = The source feeds waste at the normal flame zone. MET FEEDRATE = Extrapolation of feedrate levels is used for semivolatile and low volatile metals.	
LIQTS1	40 CFR Part 63, Subpart DD	63DD-5	SUBJECT TO ANOTHER SUBPART OF 40 CFR PART 61 OR 63 = THE TRANSFER SYSTEM IS CONTROLLING HAP UNDER THE PROVISIONS OF 40 CFR PART 63, SUBPART DD. HAP < 1MG PER YEAR = THE TRANSFER SYSTEM IS NOT SELECTED FOR EXEMPTION OR DOES NOT QUALIFY FOR THE EXEMPTION IN § 63.683(B)(2)(II).	

			NUMERICAL CONCENTRATION LIMITS = THE TRANSFER SYSTEM IS NOT EXEMPT UNDER THE NUMERICAL CONCENTRATION LIMITS OF 40 CFR PART 268, LAND DISPOSAL RESTRICTIONS. TREATEDD ORGANIC HAZARDOUS CONSTITUENTS = ORGANIC HAZARDOUS CONSTITUENTS ARE TREATED ACCORDING TO 40 CFR PART 63, SUBPART DD AIR EMISSION CONTROLS = THE VOHAP CONCENTRATION HAS NOT BEEN DETERMINED TO BE LESS THAN 500 PPMW AND AIR EMISSIONS ARE CONTROLLED. COVERS USED = COVERS ARE NOT USED TO CONTROL AIR EMISSIONS. CONTINUOUS HARD PIPING = THE TRANSFER SYSTEM CONSISTS OF CONTINUOUS HARD PIPING. INSPECTED AND MONITORED = CLOSED VENT SYSTEM IS INSPECTED AND MONITORED ACCORDING TO THE REQUIREMENTS IN § 63.695(C) OF SUBPART DD BYPASS DEVICE = THE CLOSED VENT SYSTEM DOES NOT INCLUDE BYPASS DEVICES THAT COULD DIVERT THE VENT STREAM FROM THE CONTROL DEVICE.	
SOLIDSTS1	40 CFR Part 63, Subpart DD	63DD-4	HAP DESTRUCTION = THE COMBUSTION DEVICE IS NOT DESIGNED AND OPERATED TO DESTROY HAP. NO DETECTABLE ORGANIC EMISSIONS = THE CLOSED VENT SYSTEM IS OPERATED AT LESS THAN ATMOSPHERIC PRESSURE. SUBJECT TO ANOTHER SUBPART OF 40 CFR PART 61 OR 63 = THE TRANSFER SYSTEM IS CONTROLLING HAP UNDER THE PROVISIONS OF 40 CFR PART 63, SUBPART DD. CONTROL DEVICE = THERMAL VAPOR INCINERATOR HAP < 1MG PER YEAR = THE TRANSFER SYSTEM IS NOT SELECTED FOR EXEMPTION OR DOES NOT QUALIFY FOR THE EXEMPTION IN § 63.683(B)(2)(II). ORGANIC MONITORING DEVICE = A CONTINUOUS MONITOR IS USED TO MEASURE AND RECORD TEMPERATURE OF THE VENT STREAM. MEETS 40 CFR §63.693(F)(1)(III) = THE INCINERATOR IS DESIGNED AND OPERATED TO DESTROY THE TOTAL ORGANIC COMPOUNDS, LESS METHANE AND ETHANE, CONTAINED IN THE VENT STREAM. NUMERICAL CONCENTRATION LIMITS = THE TRANSFER SYSTEM IS NOT EXEMPT UNDER THE NUMERICAL CONCENTRATION LIMITS OF 40 CFR PART 268, LAND DISPOSAL RESTRICTIONS. 95% HAP DESTRUCTION = THE COMBUSTION DEVICE IS DESIGNED AND OPERATED TO DESTROY THE HAP, LISTED IN TABLE 1, CONTAINED IN THE VENT STREAM ENTERING THE DEVICE TO A LEVEL OF 20 PPMV OR LESS. DESIGN ANALYSIS = A PERFORMANCE TEST IS USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE. TREATEDD ORGANIC HAZARDOUS CONSTITUENTS = ORGANIC HAZARDOUS CONSTITUENTS ARE TREATED ACCORDING TO 40 CFR PART 63, SUBPART DD AIR EMISSION CONTROLS = THE VOHAP CONCENTRATION HAS NOT BEEN DETERMINED TO BE LESS THAN 500 PPMW AND AIR EMISSIONS ARE CONTROLLED. ALTERNATE OPERATING PARAMETERS = ALTERNATIVE OPERATING PARAMETERS ARE NOT REQUESTED OR APPROVED BY THE EPA ADMINISTRATOR. 95% TOC DESTRUCTION = THE BOILER OR PROCESS HEATER IS DESIGNED AND OPERATED TO DESTROY 95%, BY WEIGHT, OF THE TOC, LESS METHANE AND ETHANE, CONTAINED IN THE VENT STREAM ENTERING THE DEVICE. COVERS USED = COVERS ARE NOT USED TO CONTROL AIR EMISSIONS. CONTINUOUS HARD PIPING = THE TRANSFER SYSTEM IS ENCLOSED AND VENTED TO A CONTROL DEVICE. INSPECTED AND MONITORED = CLOSED VENT SYSTEM IS INSPECTED AND MONITORED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 63, SUBPART H	

			BYPASS DEVICE = THE CLOSED VENT SYSTEM DOES NOT INCLUDE BYPASS DEVICES THAT COULD DIVERT THE VENT STREAM FROM THE CONTROL DEVICE.	
SOLIDSTS1	40 CFR Part 63, Subpart DD	63DD-6	HAP DESTRUCTION = THE COMBUSTION DEVICE IS NOT DESIGNED AND OPERATED TO DESTROY HAP. NO DETECTABLE ORGANIC EMISSIONS = THE CLOSED VENT SYSTEM IS OPERATED AT LESS THAN ATMOSPHERIC PRESSURE. SUBJECT TO ANOTHER SUBPART OF 40 CFR PART 61 OR 63 = THE TRANSFER SYSTEM IS CONTROLLING HAP UNDER THE PROVISIONS OF 40 CFR PART 63, SUBPART DD. CONTROL DEVICE = THERMAL VAPOR INCINERATOR HAP < 1MG PER YEAR = THE TRANSFER SYSTEM IS NOT SELECTED FOR EXEMPTION OR DOES NOT QUALIFY FOR THE EXEMPTION IN § 63.683(B)(2)(II). ORGANIC MONITORING DEVICE = A CONTINUOUS MONITOR IS USED TO MEASURE AND RECORD TEMPERATURE OF THE VENT STREAM. MEETS 40 CFR §63.693(F)(1)(III) = THE COMBUSTION DEVICE IS DESIGNED AND OPERATED TO MAINTAIN A MINIMUM RESIDENCE TIME OF 0.5 SECOND AND MINIMUM TEMPERATURE OF 760° C. NUMERICAL CONCENTRATION LIMITS = THE TRANSFER SYSTEM IS NOT EXEMPT UNDER THE NUMERICAL CONCENTRATION LIMITS OF 40 CFR PART 268, LAND DISPOSAL RESTRICTIONS. 95% HAP DESTRUCTION = THE COMBUSTION DEVICE IS DESIGNED AND OPERATED TO DESTROY THE HAP, LISTED IN TABLE 1, CONTAINED IN THE VENT STREAM ENTERING THE DEVICE TO A LEVEL OF 20 PPMV OR LESS. DESIGN ANALYSIS = DESIGN ANALYSIS IS USED TO DEMONSTRATE CONTROL DEVICE PERFORMANCE. TREATEDD ORGANIC HAZARDOUS CONSTITUENTS = ORGANIC HAZARDOUS CONSTITUENTS ARE TREATED ACCORDING TO 40 CFR PART 63, SUBPART DD AIR EMISSION CONTROLS = THE VOHAP CONCENTRATION HAS NOT BEEN DETERMINED TO BE LESS THAN 500 PPMW AND AIR EMISSIONS ARE CONTROLLED. ALTERNATE OPERATING PARAMETERS = ALTERNATIVE OPERATING PARAMETERS ARE NOT REQUESTED OR APPROVED BY THE EPA ADMINISTRATOR. COVERS USED = COVERS ARE NOT USED TO CONTROL AIR EMISSIONS. CONTINUOUS HARD PIPING = THE TRANSFER SYSTEM IS ENCLOSED AND VENTED TO A CONTROL DEVICE. INSPECTED AND MONITORED = CLOSED VENT SYSTEM IS INSPECTED AND MONITORED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 63, SUBPART H BYPASS DEVICE = THE CLOSED VENT SYSTEM DOES NOT INCLUDE BYPASS DEVICES THAT COULD DIVERT THE VENT STREAM FROM THE CONTROL DEVICE.	

INCINERATE	40 CFR Part 61, Subpart FF	61FF-1	AMOC = NOT USING AN ALTERNATE MEANS OF COMPLIANCE BY-PASS LINE = CLOSED-VENT SYSTEM DOES NOT CONTAIN ANY BY-PASS LINE THAT COULD DIVERT THE VENT STREAM AWAY FROM THE CONTROL DEVICE BY-PASS LINE VALVE = A FLOW INDICATOR MONITORS FLOW INTO THE BYPASS LINE. COMPLYING WITH § 61.342(E) = FACILITY IS NOT COMPLYING WITH § 61.342(E) CONTROL DEVICE TYPE/OPERATION = THERMAL VAPOR INCINERATOR WITH A REDUCTION OF ORGANICS BY 95 WEIGHT PERCENT OR GREATER OPENINGS = TREATMENT PROCESS OR WASTEWATER TREATMENT SYSTEM UNIT HAS OPENINGS STREAM COMBINATION = PROCESS WASTEWATER, PRODUCT TANK DRAWDOWN OR LANDFILL LEACHATE IS NOT COMBINED WITH OTHER WASTE STREAMS FOR PURPOSES OF FACILITATING MANAGEMENT BENZENE REMOVAL = BENZENE IS DESTROYED IN THE WASTE STREAM BY INCINERATING IN A COMBUSTION UNIT WITH A DESTRUCTION EFFICIENCY OF 99% OR GREATER FOR BENZENE ENGINEERING CALCULATIONS = PERFORMANCE TESTS ARE USED TO SHOW THAT THE CONTROL DEVICE IS PROVEN TO ACHIEVE ITS EMISSION LIMITATION LESS THAN ATMOSPHERIC = CLOSED VENT SYSTEM OPERATED AT LESS THAN ATMOSPHERIC PRESSURE CLOSED VENT AND CONTROL DEVICE = BEING USED PROCESS OF STREAM EXEMPTION = TREATMENT PROCESS OR WASTE STREAM IS COMPLYING WITH § 61.348(D) AMOC = NOT USING AN ALTERNATE MEANS OF COMPLIANCE (AMOC) TO MEET THE REQUIREMENTS OF 40 CFR § 61.349 FOR A CLOSED-VENT SYSTEM AND CONTROL DEVICE	

* - The "unit attributes" or operating conditions that determine what requirements apply

** - Notes changes made to the automated results from the DSS, and a brief explanation why

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found

 in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 42450	Issuance Date: 01/13/2011
Authorization No.: 73331	Issuance Date: 05/26/2010
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 5	Version No./Date: 11/05/1986
Number: 5	Version No./Date: 09/12/1989
Number: 14	Version No./Date: 07/20/1992
Number: 39	Version No./Date: 09/12/1989
Number: 40	Version No./Date: 09/12/1989
Number: 51	Version No./Date: 11/25/1985
Number: 51	Version No./Date: 09/12/1989
Number: 51	Version No./Date: 06/07/1996
Number: 53	Version No./Date: 05/12/1981
Number: 53	Version No./Date: 09/12/1989
Number: 61	Version No./Date: 08/30/1988
Number: 75	Version No./Date: 09/12/1989
Number: 75	Version No./Date: 07/20/1992
Number: 106	Version No./Date: 11/25/1985
Number: 107	Version No./Date: 09/12/1989
Number: 107	Version No./Date: 07/20/1992
Number: 118	Version No./Date: 11/25/1985

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Periodic Monitoring:

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information	
ID No.: INCINERATE	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	

Name: 40 CFR Part 61, Subpart C	SOP Index No.: 61C-1
Pollutant: BERYLLIUM	Main Standard: § 61.32(a)
Monitoring Information	
Indicator: Voltage (IWS); kVA (WESP)	
Minimum Frequency: Continuous	
Averaging Period: 2 minutes	
Deviation Limit: It will be considered a deviation if the WESP is less than 15 KVA, and if four or more IWS units are down.	
Basis of monitoring: The monitoring indicators are provided because monitoring voltage, current, and spark rate are useful in detecting electrical malfunctions in the ESP such as short circuiting, particle buildup on electrodes, broken electrodes, and cracked insulators. Monitoring the primary voltage and primary current helps ensure that there is an adequate power to the transformer/rectifier set. Monitoring the secondary voltage, secondary current, and spark rate helps ensure that proper conditions exist in each field for maximum particle collection. The combination of monitoring indicators are provided to include at least one parameter that reflects the conditions in the fields between the plates. If the primary current and voltage are monitor at least one other parameter, such as spark rate, is monitored to reflect conditions in each field. These parameters will indicate that the ESP is operating properly. The deviation limit provided for primary voltage or secondary voltage is a minimum voltage. Maintaining a minimum primary or secondary voltage will help ensure proper operation of each field. The deviation limits provided for primary current, secondary current, or spark rate are a minimum and maximum current or spark rate. Operation below a minimum or above a maximum primary current, secondary current, or spark rate can be indicative of several problems including high or low resistivity, misalignment, component failure, insulator leakage, etc.	

Unit/Group/Process Information	
ID No.: INCINERATE	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart E	SOP Index No.: 61E-1
Pollutant: MERCURY	Main Standard: § 61.52(b)
Monitoring Information	
Indicator: Voltage (IWS); kVA (WESP)	
Minimum Frequency: Continuous	
Averaging Period: 2 minutes	
Deviation Limit: It will be considered a deviation if the WESP is less than 15 KVA, and if four or more IWS units are down.	
Basis of monitoring: The monitoring indicators are provided because monitoring voltage, current, and spark rate are useful in detecting electrical malfunctions in the ESP such as short circuiting, particle buildup on electrodes, broken electrodes, and cracked insulators. Monitoring the primary voltage and primary current helps ensure that there is an adequate power to the transformer/rectifier set. Monitoring the secondary voltage, secondary current, and spark rate helps ensure that proper conditions exist in each field for maximum particle collection. The combination of monitoring indicators are provided to include at least one parameter that reflects the conditions in the fields between the plates. If the primary current and voltage are monitor at least one other parameter, such as spark rate, is monitored to reflect conditions in each field. These parameters will indicate that the ESP is operating properly. The deviation limit provided for primary voltage or secondary voltage is a minimum voltage. Maintaining a minimum primary or secondary voltage will help ensure proper operation of each field. The deviation limits provided for primary current, secondary current, or spark rate are a minimum and maximum current or spark rate. Operation below a minimum or above a maximum primary current, secondary current, or spark rate can be indicative of several problems including high or low resistivity, misalignment, component failure, insulator leakage, etc.	

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on 09/19/2012.
2. The compliance history review evaluated the period from 07/11/2007 to 07/11/2012.
   Site rating: 13.31 Company rating: 10.80
   (High < 0.10; Satisfactory > 0.10 and < 55; Unsatisfactory > 55)
3. Has the permit changed on the basis of the compliance history or site/company rating?..... No

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS?..... Yes
2. Is a compliance plan and schedule included in the permit?..... Yes

Permit reviewer notes:

The first compliance plan submitted contained 7 compliance action plans (CAP's). After the applicant reviewed the WDP, a revised Form OP-ACPS and Application Compliance Plan and Schedule were submitted, which contained 3 CAP's.

For Unit ID No. BASIN2, the non-compliance situations were the potential non-compliance with emission standards, certification and/or testing requirements, and test methods per 40 CFR Part 60, Subpart IIII. The corrective action plan is the engine will be ordered, installed, and operating by January 31, 2013.

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes

OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes